

Mineral Industry Surveys

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U.S. TRADE IN BAUXITE AND ALUMINA IN THE THIRD QUARTER 2006

U.S. Trade Data Comparisons

| | Jan.-Sept. 2006* | Percentage change from Jan.-Sept. 2005 | Principal source/destination |
|-----------------------------------|---------------------|---|---|
| <u>Crude & Dried Bauxite:</u> | | | |
| Imports | 6,500 | -13% | Guinea (31%), Brazil (20%), Jamaica (13%), Guyana (11%) |
| Exports | 16 | -41% | Canada (85%), Mexico (3%), Colombia (3%) |
| <u>Calcined Bauxite:</u> | | | |
| Imports | 247 | 10% | China (57%), Australia (23%), Guyana (15%) |
| Exports | 10 | -34% | Mexico (41%), Canada (37%), Singapore (16%) |
| <u>Alumina:</u> | | | |
| Imports | 1,390 | 4% | Australia (50%), Suriname (20%), Jamaica (10%), Canada (6%) |
| Exports | 1,200 | 32% | China (39%), Canada (33%), Norway (12%), Iceland (7%) |

* Thousand metric tons

TABLE 1
U.S. IMPORTS AND EXPORTS OF CRUDE AND DRIED BAUXITE¹

(Metric tons)

| Country | 2005 | 2006 | | | |
|----------------------------|-----------|------------------|-------------------|------------------|-----------------|
| | | First quarter | Second quarter | Third quarter | Year to date |
| Imports (for consumption): | | | | | |
| Brazil | 3,210,000 | 585,000 | 461,000 | 258,000 | 1,300,000 |
| Guinea | 2,450,000 | 672,000 | 677,000 | 663,000 | 2,010,000 |
| Guyana | 1,280,000 | 329,000 | 250,000 | 153,000 | 732,000 |
| Jamaica | 1,760,000 | 45,500 | 370,000 | 456,000 | 871,000 |
| Other | 1,150,000 | 282,000 | 569,000 | 729,000 | 1,580,000 |
| Total | 9,850,000 | 1,910,000 | 2,330,000 | 2,260,000 | 6,500,000 |
| Exports: | | | | | |
| Canada | 27,400 | 5,640 | 2,000 | 5,600 | 13,200 |
| Mexico | 1,460 | 483 | 9 | 48 | 540 |
| Other | 4,830 | 603 | 874 | 391 | 1,870 |
| Total | 33,700 | 6,720 | 2,890 | 6,030 | 15,600 |

¹Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau; data adjusted by the U.S. Geological Survey.

TABLE 2
U.S. IMPORTS AND EXPORTS OF CALCINED BAUXITE, BY COUNTRY¹

(Metric tons)

| Country | 2006 | | | | | | | | | |
|----------------------------|-----------------|---------|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|---------|
| | 2005 | | First quarter | | Second quarter | | Third quarter | | Year to date | |
| | Refrac- tory | Other | Refrac- tory | Other | Refrac- tory | Other | Refrac- tory | Other | Refrac- tory | Other |
| Imports (for consumption): | | | | | | | | | | |
| Brazil | -- | 409 | -- | -- | -- | -- | -- | -- | -- | -- |
| China | 104,000 | 43,500 | 32,500 | 9,390 | 23,200 | 21,900 | 45,400 | 9,200 | 101,000 | 40,500 |
| Guyana | 37,800 | 8,870 | 8,940 | 5,620 | 3,000 | 5,560 | 8,710 | 5,350 | 20,700 | 16,500 |
| Other | 46,500 | 96,400 | -- | 17,000 | -- | 35,400 | -- | 16,300 | -- | 68,700 |
| Total | 188,000 | 149,000 | 41,400 | 32,000 | 26,200 | 62,900 | 54,100 | 39,900 | 122,000 | 126,000 |
| Exports: | | | | | | | | | | |
| Canada | 7,540 | 4,020 | 1,420 | 72 | 1,220 | 211 | 679 | 142 | 3,330 | 425 |
| Mexico | 417 | 4,730 | 307 | 458 | 338 | 1,810 | 115 | 1,120 | 760 | 3,390 |
| Other | 402 | 1,330 | 1,590 | 175 | -- | -- | 220 | 321 | 1,810 | 496 |
| Total | 8,360 | 10,100 | 3,320 | 705 | 1,560 | 2,020 | 1,010 | 1,590 | 5,900 | 4,310 |

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau; data adjusted by the U.S. Geological Survey.

TABLE 3
U.S. IMPORTS AND EXPORTS OF ALUMINA¹

(Metric tons, calcined equivalent)

| Country | 2005 | 2006 | | | Year to date |
|---|------------------|----------------|----------------|----------------|------------------|
| | | First quarter | Second quarter | Third quarter | |
| Imports (for consumption):² | | | | | |
| Australia | 932,000 | 196,000 | 215,000 | 288,000 | 698,000 |
| Canada | 103,000 | 25,700 | 26,300 | 26,500 | 78,500 |
| India | 6,170 | 1,920 | 2,100 | 1,680 | 5,700 |
| Jamaica | 116,000 | 60,100 | 41,700 | 43,900 | 146,000 |
| Suriname | 560,000 | 69,900 | 106,000 | 104,000 | 280,000 |
| Other | 148,000 | 38,500 | 82,600 | 59,200 | 180,000 |
| Total | 1,860,000 | 392,000 | 474,000 | 523,000 | 1,390,000 |
| Exports:³ | | | | | |
| Canada | 407,000 | 156,000 | 124,000 | 121,000 | 401,000 |
| China | 366,000 | 98,400 | 152,000 | 220,000 | 470,000 |
| Iceland | 160,000 | 31,000 | 26,300 | 28,200 | 85,500 |
| Mexico | 69,300 | 19,200 | 13,900 | 12,700 | 45,800 |
| Norway | 104,000 | 72,000 | 35,700 | 36,800 | 145,000 |
| Other | 99,000 | 17,500 | 17,600 | 19,200 | 54,200 |
| Total | 1,200,000 | 394,000 | 370,000 | 438,000 | 1,200,000 |

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes imports of aluminum hydroxide: 148,000 tons in 2005; 42,100 tons in the first quarter, 56,600 tons in the second quarter, and 57,500 tons in the third quarter of 2006.

³Includes exports of aluminum hydroxide: 53,000 tons in 2005; 13,500 tons in the first quarter, 10,600 tons in the second quarter, and 9,050 tons in the third quarter of 2006.

Source: U.S. Census Bureau; data adjusted by the U.S. Geological Survey.